

~~{CLEAN VERSION OF THE AMENDED CLAIMS}~~

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2 --9. An improved time of flight mass spectrometer according to claim 1 wherein at least one of
3 said plates is energized to a positive potential and another of said plates is energized to a negative
4 potential.

5
6 33. An improved time of flight mass spectrometer according to claim 32 wherein the bipolar
7 deflection plates are curved.--